

ABSTRACT OF THE DISCLOSURE

A hybrid transmission for variably producing a transmission ratio is comprised of first and second motor/generators and a differential mechanism constructed
5 by two double-pinion planetary gearsets. The two double-pinion planetary gearsets are coaxially arranged and commonly employ common pinions. The differential mechanism includes at least four rotating members which are interlinked so that rotating conditions of all of the
10 rotating members are determined when rotating conditions of two of the rotating members are determined. Four of the rotating members are connected to an input from a prime mover, an output to a driveline, first and second mover/generators, respectively.